

Pumps

	Electric Pumps										Hydraulic Pumps	
	G-Mini™	G1™	G3™	LubeMaster®	Miniature Meter-Flo®	Meter-Flo®	Injecto-Flo® EO-1, EO-3 and Injecto-Flo II	Electric Grease Jockey®	Compact Dyna-Star®	Electric Dyna-Star® HP and HF 24 VDC	Modu-Flo®	Hydraulic Dyna-Star® 10:1 and 5:1
Power Type	12 VDC, 24 VDC	12 VDC, 24 VDC, 90-240 VAC	12 VDC, 24 VDC, 90-240 VAC	115/230 VAC, 230/460 VAC	115 VAC	Electric (AC/DC Motor Required)	115 VAC, 230 VAC	12 or 24 VDC	24 VDC	24 VDC, 110-240 VAC (with converter box)	Hydraulic	Hydraulic
Fluid Type	Grease up to NLGI #2	Oil/grease up to NLGI #2	Oil/grease up to NLGI #2	Oil/grease up to NLGI #2	Oil – 160 to 15,000 SUS	Oil – 300 to 3,000 SUS	Oil – ISO 50 to 1,500 (SUS 250 to 5,000) and fluid grease NLGI #000	Grease up to NLGI #2	Oil/grease up to NLGI #2	Oil/grease up to NLGI #2	Oil/grease up to NLGI #2	Oil/grease up to NLGI #2
Max Output Pressure	4,061 psi (280 bar)	5,100 psi (352 bar)	5,100 psi (352 bar)	5,000 psi (340 bar)	2,000 psi (138 bar)	300 to 1,500 psi (20.7 to 103.5 bar)	145 to 650 psi (10 to 45 bar)	2,000 psi (352 bar)	3,500 psi (241 bar)	3,500 to 5,000 psi (241 to 344 bar)	3,000 psi (207 bar)	7,500 to 10,000 psi (517 to 689 bar)
Max Output Volume Range	0.18 in³ (3 cm³) per minute	0.25 in³ (4 cm³) per minute	0.12 in³, 0.18 in³, 0.25 in³ (2 cm³, 3 cm³, 4 cm³) per minute/element – up to 3 pump elements	8.62 in³ (143.41 cm³) per minute	1, 5, 8, 14 in³ (16, 82, 131, 229 cm³) per minute	14 to 245 in³ (230 to 4015 cm³) per minute	Oil – 6 to 30.50 in³ (100 to 500 cm³) Grease – 12.20 in³ (200 cm³) per minute	0.5 in³ (8.2 cm³) per element/minute	4.5 in³ (74 cm³) per minute	18 to 35 in³ (295 to 574 cm³) per minute, adjustable	0.125 in³ (2.0 cm³) per stroke	1.1 lb (0.5 kg) per minute
Reservoir Size	0.5 or 1 L	2, 4 or 8 L	2, 4, 8, 12 or 16 L	Oil – 12, 20 pints Grease – 12, 20 lb	1.5, 3, 5 gal (12, 24, 40 pints)	N/A	6.3, 7.6, 12.6, 15.8 or 25.3 pints, 3 or 6 L	2 L	12 L, 20 L or 60 lb (30 L) reservoir or 35 lb (20 L) pail option	60 or 90 lb reservoir, or standard barrel length options	Oil – 5, 6, 12, 20, 24 and 40 pints Grease – 3, 5, 6, 12 and 20 lb	60 or 90 lb reservoir, or standard barrel length options
Markets	Construction / Fleets and Transportation / Industrial / Mining / Energy / Agriculture	Construction / Fleets and Transportation / Industrial / Mining / Energy / Agriculture	Construction / Fleets and Transportation / Industrial / Mining / Energy / Agriculture	Construction / Industrial / Mining / Energy	Industrial	Industrial	Industrial	Fleets and Transportation	Construction / Industrial / Mining / Energy	Construction / Industrial / Mining / Energy	Construction / Industrial / Mining / Energy	Construction / Industrial / Mining / Energy

	Pneumatic Pumps							Mechanical Pumps			
	LubePro™	Modu-Flo®	E-Series™	MSA-10™ and MSA-100™	Injecto-Flo® AO-1	Dyna-Star® Fire-Ball® 300 50:1	Dyna-Star® Air-Powered 200:1 and 120:1	LubeMaster® Ratchet Drive	Manzel® MBL Box Lubricators and GBL 7500 Pumps	Model HP-15™ and HP-50™ High Pressure Lubricators	Manzel® MVB Pump
Power Type	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Mechanical	Mechanical (motorized options available)	Mechanical	Mechanical
Fluid Type	40 cSt oil minimum / grease up to NLGI #2	Oil/grease up to NLGI #2	Oil up to 30,000 SUS / grease up to NLGI #2	Oil/grease up to NLGI #2	Oil – 250 to 5,000 SUS	Oil/grease up to NLGI #2	Grease up to NLGI #2 and gate valve, plug valve and wireline greases	Oil/grease up to NLGI #2	Mineral oil base or synthetics	Mineral oil base or synthetics	Oil
Max Output Pressure	1,350 psi to 4,000 psi (93.1 to 276 bar)	3,500 psi (241 bar)	2,000 psi (138 bar)	3,000 psi (207 bar)	450 psi (31 bar)	3,500 psi (241 bar)	200:1 – 20,000 psi (1,379 bar) 120:1 – 12,000 psi (827 bar)	5,000 psi (340 bar)	3,500 to 7,500 psi (241 to 517 bar)	18,000 to 50,000 psi (1,241 to 3,447 bar)	8,000 psi (551 bar)
Max Output Volume Range	Single Stroke Pumps – 0.56 to 3.0 in³ (9.2 to 49.2 cm³) Reciprocating Pumps – 50 in³ (819 cm³) per minute	0.03 to 0.24 in³ (0.49 to 3.93 cm³)	0.03 in³ (0.49 cm³) per stroke	0.12 to 0.8 in³ (1.97 cm³ to 13.11 cm³) per stroke	0.80 in³ (13 cm³) per stroke	54 in³ (85 cm³) per minute	2.2 L/min flow	0.50 to 75.00 in³ (8.195 to 1,229.25 cm³) per hour	0.014 to 0.054 in³ (0.229 to 0.885 cm³) per stroke	0.008 in³ (0.113 cm³) per stroke	11.97 to 104.72 pints (5.66 to 49.53 L) per day
Reservoir Size	Oil – 0.6, 2, 2.8, 5.5 L Grease – 1, 4, 7.5 and 13 lb	Oil – 5, 6, 12, 20, 24 and 40 pints Grease – 3, 5, 6, 12 and 20 lb	Oil – 4 pints (1.89 L) Grease – 3 and 6 lb (1.36 kg and 2.72 kg)	N/A	4 pints (1.89 L) or 10 pints (4.73 L)	60 or 90 lb	400 lb (180 kg) barrel or 120 lb (55 kg) keg	Oil – 12 or 20 pints Grease – 12 or 20 lb	4 pints (1.9 L), 2 pump stations up to 40 pints (18.9 L), 24 pump stations	18 pints (8.5 L), 4 pump stations	N/A
Markets	Construction / Industrial / Mining / Energy	Construction / Industrial / Mining / Energy	Industrial / Fleets and Transportation	Industrial	Industrial	Construction / Industrial / Mining / Energy	Construction / Industrial / Mining / Energy	Construction / Industrial / Mining / Energy	Industrial / Energy	Energy	Energy

Metering

	Series Progressive Metering Devices							Single Line Parallel Metering Devices			
	Trabon® MD Mono Block Divider Valve	Trabon® MJ Divider Valve	Trabon® MSP Stainless and Carbon Steel Divider Valves	Manzel® MHH Divider Valve	Compact Series Progressive (CSP) Valves	Trabon® MX Divider Valve	Trabon® MXP Divider Valve	Trabon® MGO Divider Valve	Piston Distributors	GL-32™ / GL-43™ / GL-33™ / GL-42™ Injectors	GL-1™ / GL-1™ SST / GL-1 X™ / GL-1 XL™ / GL-11™ Injectors
Fluids	Oil/grease up to NLGI #2	Oil/grease up to NLGI #1	Oil/grease up to NLGI #2	Oil	Oil/grease up to NLGI #2	Oil/grease up to NLGI #2	Oil/grease up to NLGI #2	Oil/grease up to NLGI #2	Oil – 32 to 2,000 cst / fluid grease up to NLGI #00	Oil (10 weight minimum) / grease up to NLGI #2	Grease up to NLGI #2
Max Pressure	3,000 psi (207 bar)	2,000 psi (137.89 bar)	3,500 psi (241 bar)	7,500 psi (517 bar)	5,076 psi (350 bar)	3,000 psi (207 bar)	3,000 psi (207 bar)	6,000 psi (413 bar)	650 psi (45 bar)	Grease – 3,500 psi (241 bar) / Oil – 1,000 psi (69 bar)	3,500 to 6,000 psi (241 to 414 bar)
Dispense Range Per Cycle	0.010 to 0.040 in³ (0.16 to 0.66 cm³)	0.005 to 0.030 in³ (0.08 to 0.49 cm³) per outlet	0.005 to 0.080 in³ (0.08 to 1.31 cm³) per outlet	0.006 to 0.060 in³ (0.098 to 0.983 cm³)	0.006 to 0.060 in³ (0.098 to 0.983 cm³)	0.025 to 0.300 in³ (0.41 to 4.92 cm³)	0.025 to 0.300 in³ (0.41 to 4.92 cm³)	0.150 to 1.200 in³ (2.46 to 19.7 cm³)	0.0006 to 0.036 in³ (0.01 to 0.60 cm³)	0.001 to 0.008 in³ (0.02 to 0.13 cm³)	0.008 to 0.08, 0.315, or 0.5 in³ (0.13 to 1.3, 5.2 or 8.2 cm³)
Fluid Outlets	2 to 6	1 to 16	1 to 22	1 to 22	2 to 22	1 to 20	1 to 20	1 to 20	1 to 10	1 to 15	1
Material Type	Carbon Steel	Carbon Steel	Carbon Steel / Stainless Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel / Stainless Steel	Carbon Steel and Aluminum	Carbon Steel / Stainless Steel	Carbon Steel / Stainless Steel
Markets	Construction / Industrial / Mining / Energy	Construction / Industrial / Mining / Energy	Construction / Fleets and Transportation / Industrial / Mining / Energy	Construction / Mining / Energy	Construction / Mining / Energy	Construction / Industrial / Mining / Energy	Construction / Industrial / Mining / Energy	Construction / Industrial / Mining / Energy	Industrial	Construction / Fleets and Transportation / Industrial / Mining / Energy	Construction / Industrial / Mining / Energy

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